

SECTION 708 — SODDING

708.01 DESCRIPTION. This work shall consist of soil preparation, liming, fertilizing, watering, and placing grass sod on prepared areas, as specified in the Contract Documents or as directed by the Engineer.

708.01.01 Regional Area. Regional areas shall conform to 705.01.01.

708.01.02 Regional Requirements.

- (a) Bluegrass sod shall be used in Region 1.
- (b) Tall fescue sod shall be used in Regions 2 and 3.
- (c) Bermudagrass sod shall be used as directed by the Office of Environmental Design.

708.02 MATERIALS.

Agricultural Limestone	920.02
Fertilizer	920.03
Grass Sod	920.04.03
Staples	920.06.01
Water	920.08.01
Pegs	920.08.21

708.03 CONSTRUCTION.

708.03.01 Sodding Season. Sod shall be placed between the dates of August 15 and May 31. Sod shall not be placed on frozen soil and frozen sod is prohibited.

708.03.02 General. Sod shall be transported and installed without breaking, tearing, or loss of soil. All sod shall be transplanted within 48 hours from the time it is harvested.

708.03.03 Final Grading. The areas to be sodded shall present a smooth, uniform surface true to line and cross section, and any raking required to accomplish this shall be done immediately prior to the placing of the sod at no additional cost to the Administration.

708.03.04 Liming and Fertilizing. All areas to be sodded shall be limed and fertilized.

APPLICATION RATES	
MATERIAL	LB PER ACRE
Agricultural Limestone	4000
Fertilizer	
10-10-10	900
38-0-0 (UF)	200

After the above materials have been applied, they shall be worked into the top 3 in. of soil.

708.03.05 Placing. Sod shall be placed with close joints and no overlapping. Cracks are prohibited between sod pieces. All sod shall be tamped or rolled after placing to close the seams between the sod pieces and to press the sod tight against the ground. A hand tamper shall weigh approximately 15 lb and have a flat surface of approximately 100 in². A roller shall weigh 40 lb/ft of width. Any slipping of sod shall be corrected by the Contractor at no additional cost to the Administration.

On slopes of 2:1 and steeper, sod shall be placed with the long edges parallel to the contour starting at the bottom of the slope. Successive strips shall be neatly matched and all joints staggered or broken. When placing sod in drainage ditches, the length of the strip shall be laid parallel to the direction of the flow of the water. Each strip or section of sod placed on slopes of 2:1 and steeper and surface drainage V-shaped or flat bottom ditches or gutters shall be staked securely with at least two staples or wooden pegs spaced not more than 2 ft apart and driven flush with the top of the sod.

708.03.06 Initial Watering. Each section of sod shall be thoroughly watered a minimum of three times after placement. The first watering shall be within four hours after the sod is placed and shall wet the soil to a depth of 3 in. below the sod. The second and third waterings shall be within 10 days after the sod is placed. A minimum of 24 hours shall elapse between the second and third watering.

708.03.07 Refertilizing. After the sod has been watered three times, and no later than three weeks after placing, it shall be refertilized with 38-0-0 (UF) fertilizer at the rate of 200 lb/acre.

708.03.08 Acceptance. At the time of acceptance all sod shall be firmly knitted, show signs of good health, and have received initial watering and refertilization.

708.03.09 Additional Watering of Sod. The Contractor shall monitor the water needs of the sod to maintain adequate moisture in the upper 4 in. of soil. When additional watering is necessary, the Engineer shall be notified, and if the Engineer concurs, the Contractor shall begin watering immediately.

708.04 MEASUREMENT AND PAYMENT.

708.04.01 Sodding will be measured and paid for at the Contract unit price per square yard. The payment will be full compensation for all sod, initial waterings, staking, liming, fertilizing, refertilizing, and for all material, labor, equipment, tools, and incidentals necessary to complete the work.

708.04.02 Additional Watering of Sod. Additional Watering of Sod will be measured and paid for at the Contract unit price per 1000 gal of water applied to the sod. Water will be measured by means of satisfactorily installed meters, or by measurements of tank capacities, or by acceptable documentation of tanks of predetermined capacity. The Contractor shall furnish the Engineer's representative with measurement and capacities to provide a complete and accurate record of the quantity of water furnished and applied. The payment will be full compensation for all water, material, labor, equipment, tools, and incidentals necessary to complete the work. No compensation will be allowed for water wasted or excess watering as determined by the Engineer.

SECTION 709 — SOIL STABILIZATION MATTING

709.01 DESCRIPTION. This work shall consist of furnishing, placing and securing matting on seeded areas, as specified in the Contract Documents or as directed by the Engineer.

709.02 MATERIALS.

Type A Soil Stabilization Matting	920.06
Type B Soil Stabilization Matting	920.06
Staples for Type A Soil Stabilization Matting	920.06.01
Staples and Wood Stakes for Type B Soil Stabilization Matting	920.06.02

The Contractor shall select the soil stabilization matting from the prequalified list of soil stabilization matting maintained by the Office of Materials and Technology.